

[Type of Document] Abstract

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[Object] It is an object of the present invention to provide a camera apparatus which can reduce processing time by simplifying image processing in areas of small importance and by taking advantage of the fact that the image data is acquired by a camera.

[Means to Achieve Object] A camera apparatus includes a camera unit which acquires an image, a line-of-sight detection unit which detects a point of eye fixation of a user within a camera screen, an importance computation unit which determines levels of importance for respective areas of the image acquired by said camera unit in accordance with the detection by said line-of-sight detection unit, and a number-of-gray-scale-level determining unit which changes a number of gray scale levels for the respective areas of the image in response to the determination by the importance computation unit.

[Selected Drawing] Figure 1